

Begin reel

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Zbarskiy, I.

Postage stamps commemorating sports aviation. Kryl.rod. 2 no.11:23
N '51. (MIRA 8:8)
(Postage stamps)

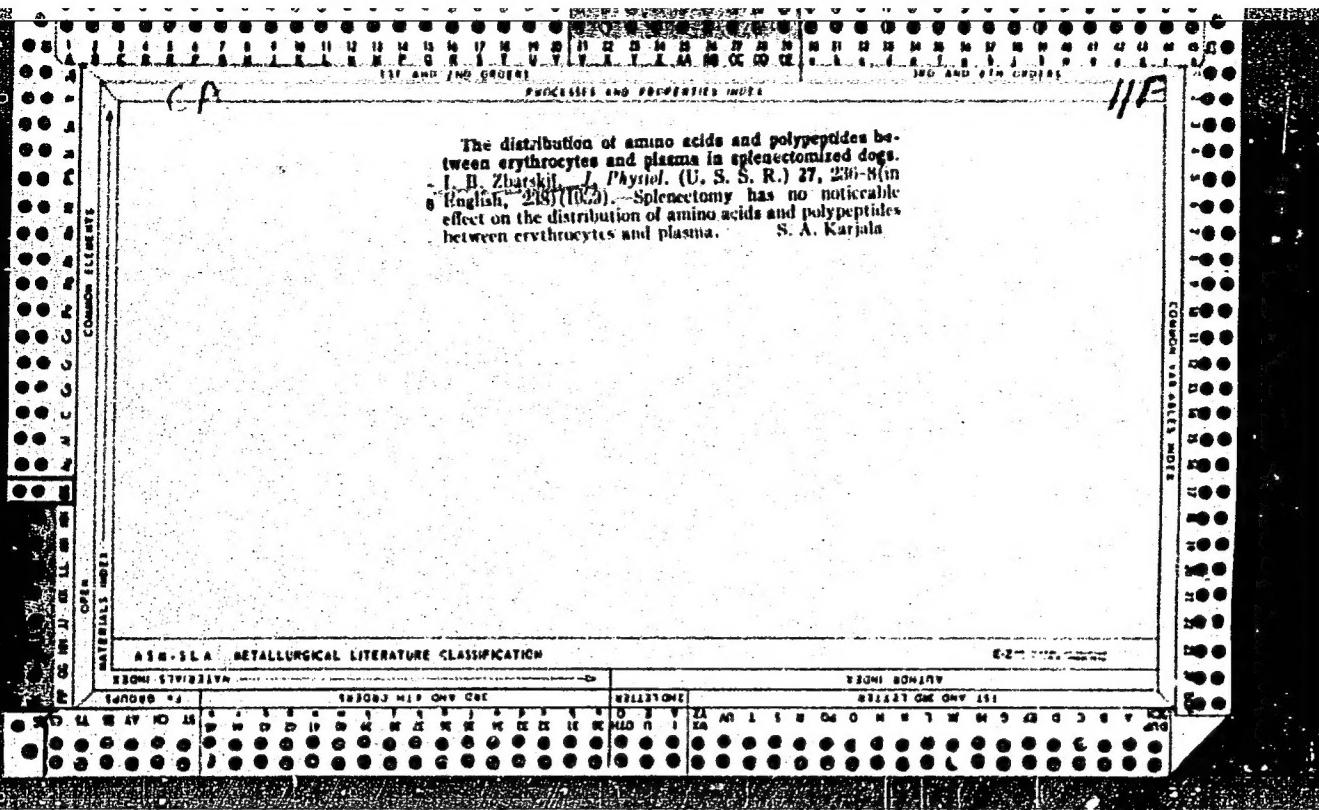
ZBARSKIY, I.

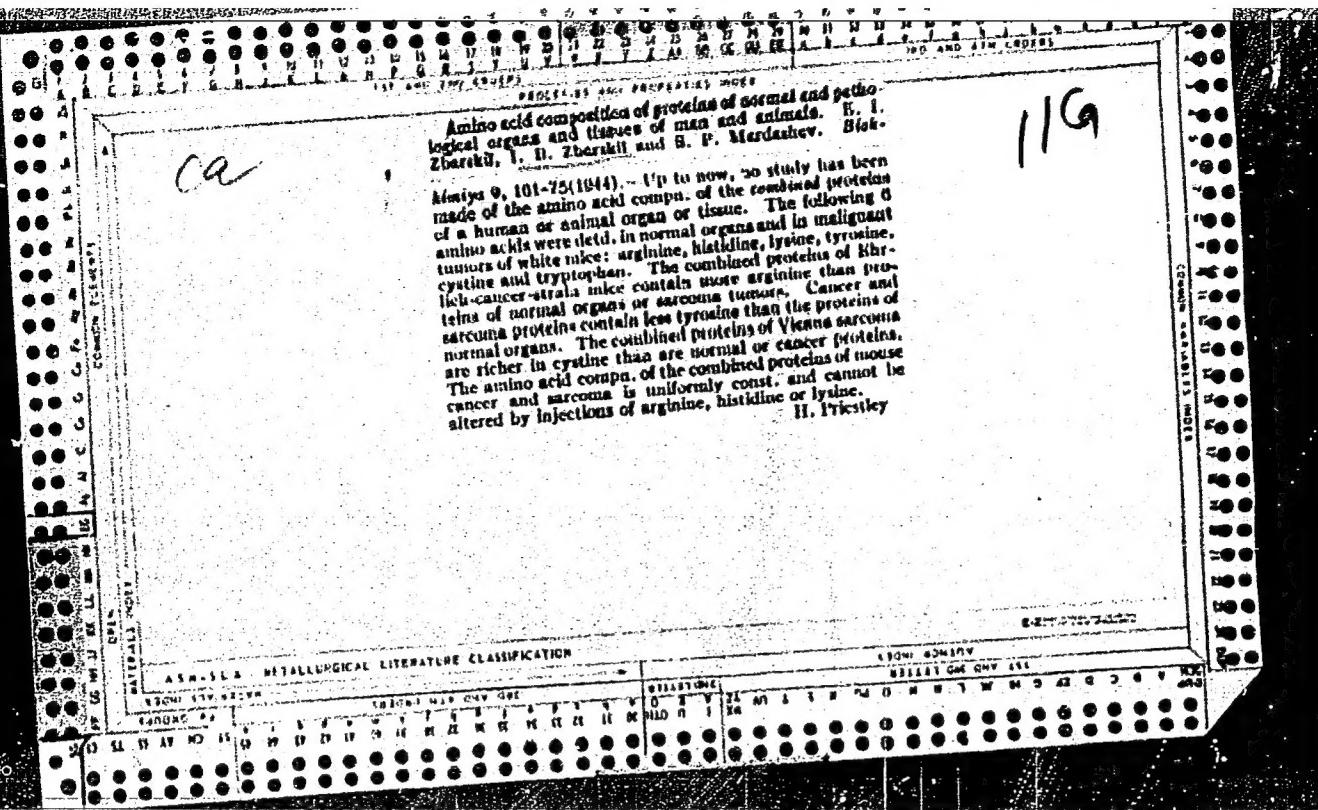
"Principles of general cytology" by D.Soudek, O.Necas. Reviewed
by I.Zbarskii. Arkh. anat. gist. i embr. 41 no.9:127 S '61.

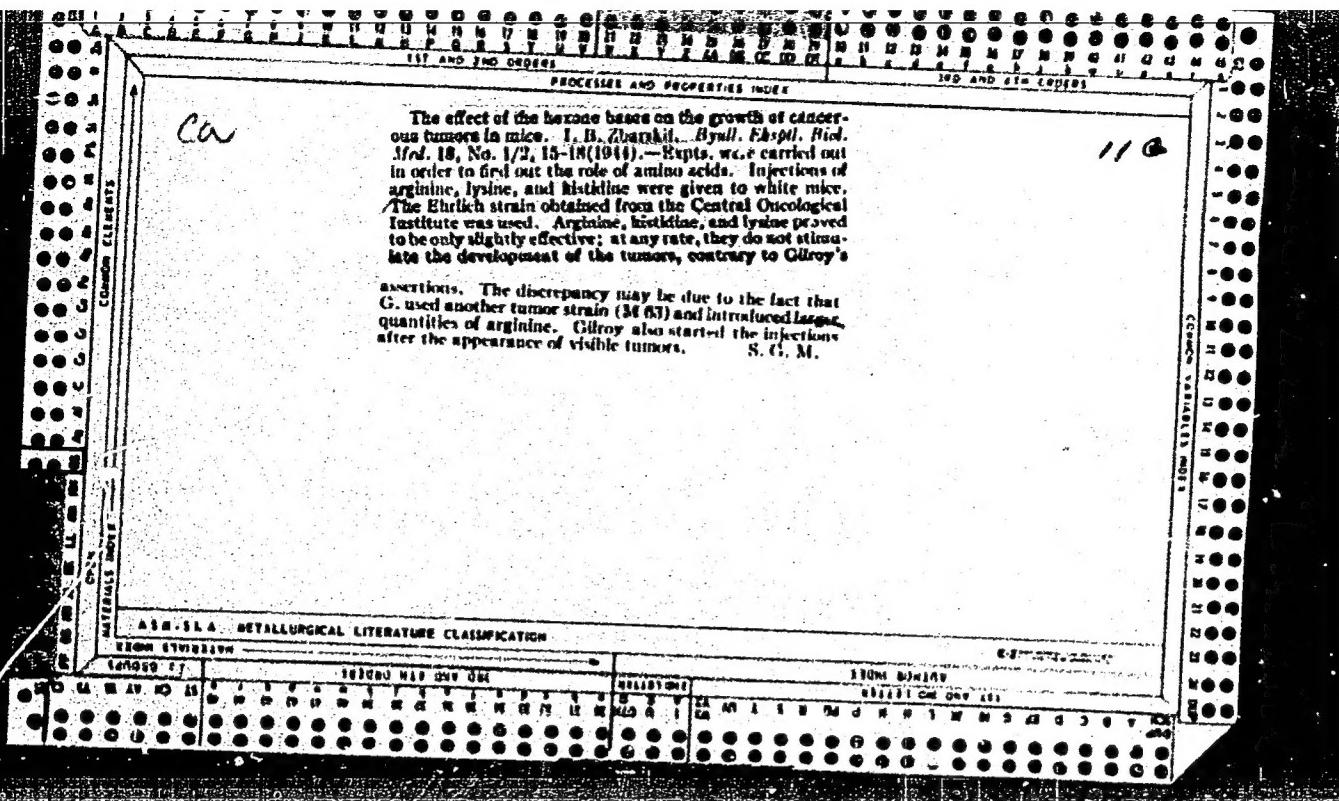
(MIR 15:1)

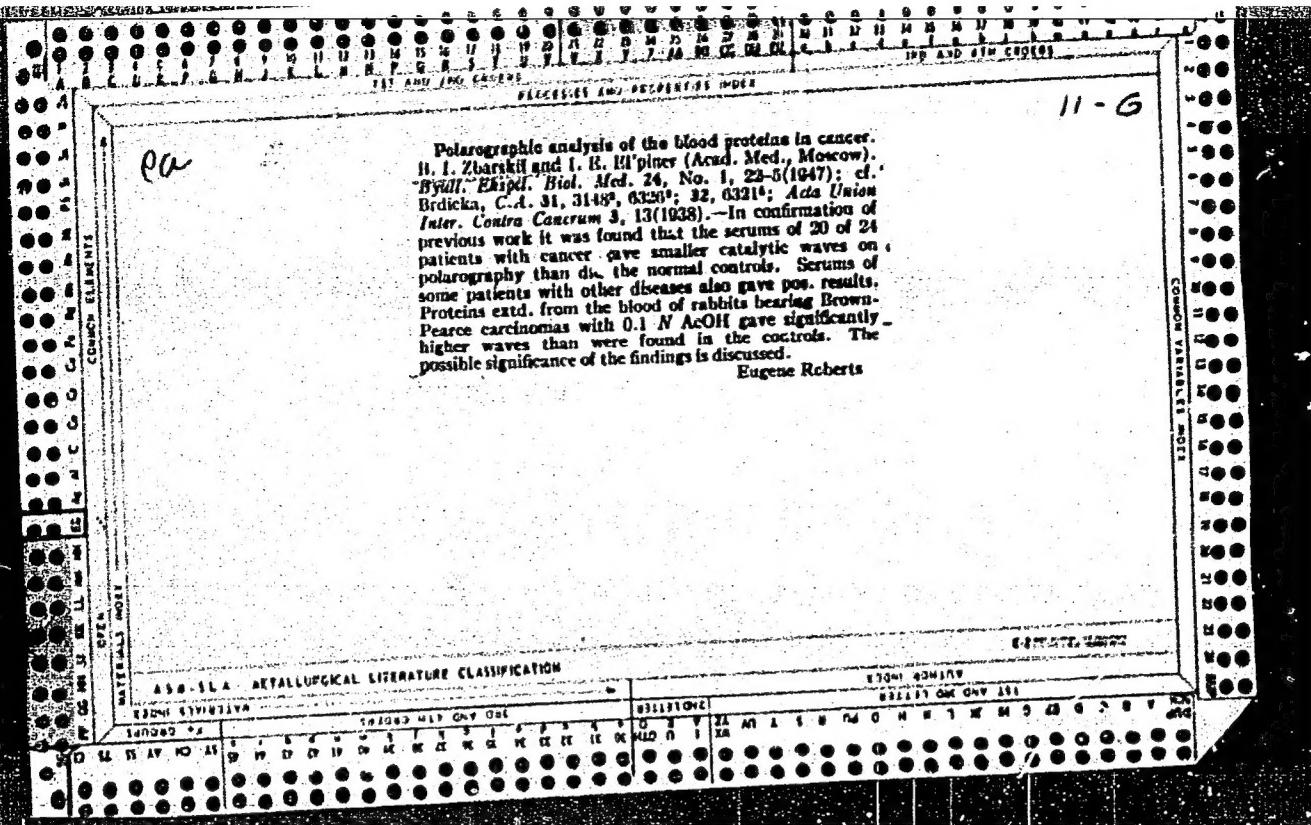
(CYTOLOGY)

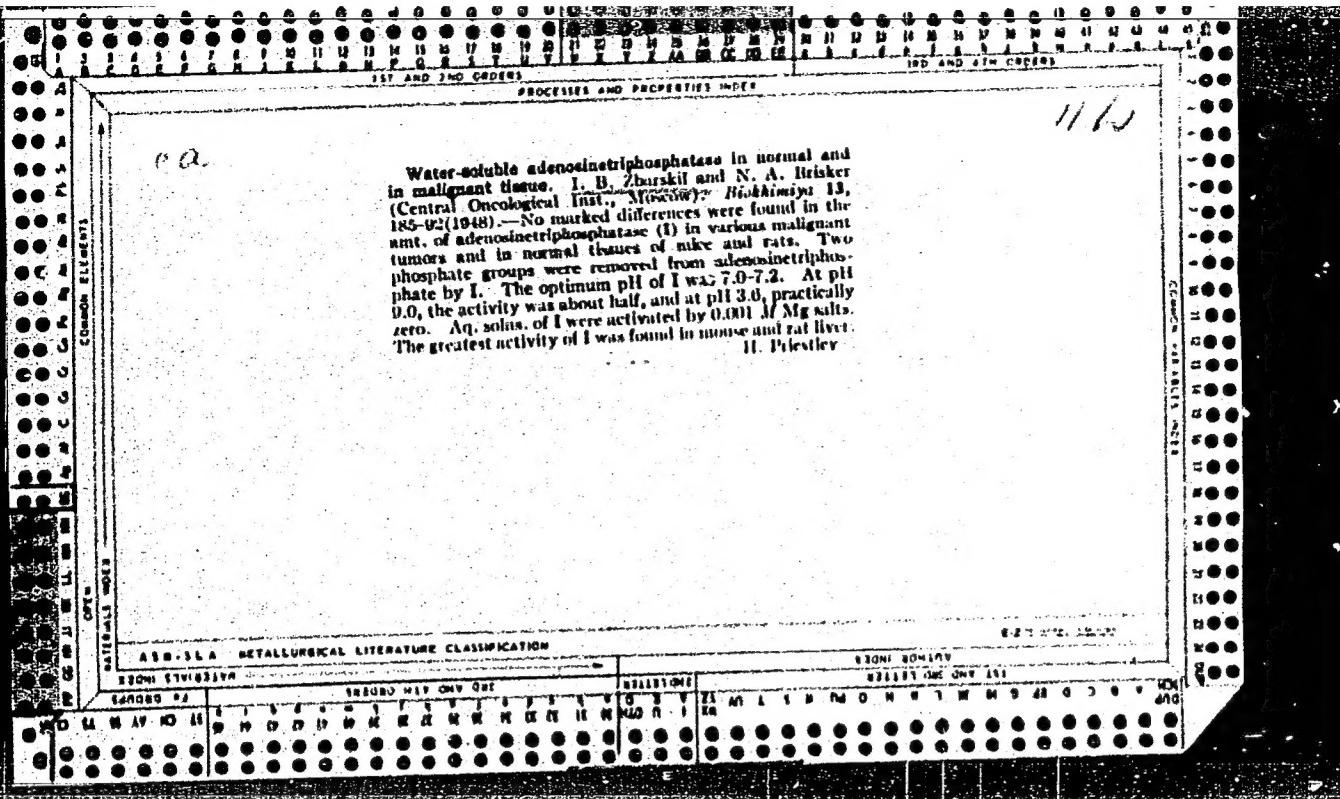
(SOUDEK, D.) (NECAS, O.)

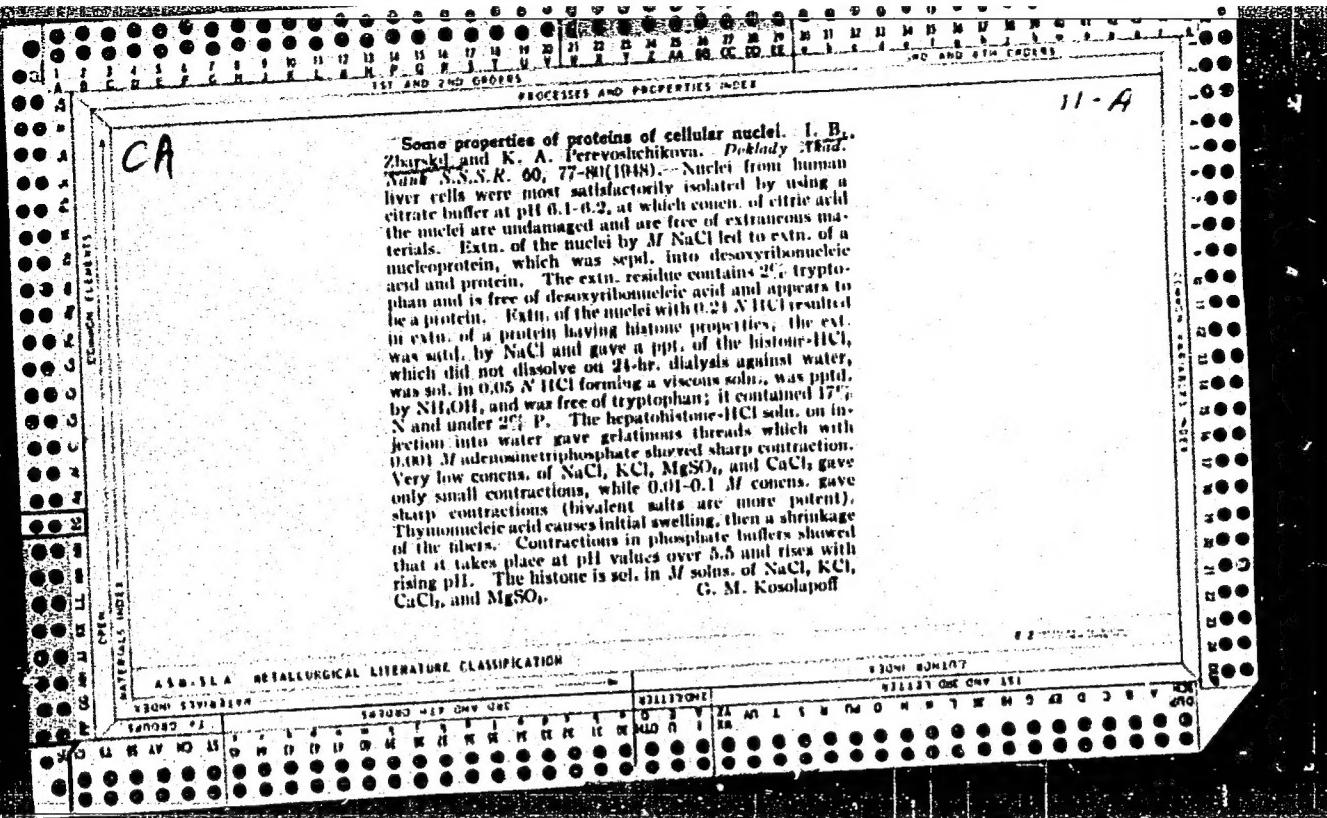












ZBARSKI, I.B. [Zbarskiy, I.B.]

Nucleotide code and the control of protein synthesis in the cell.
Analele biol 17 no.5:45-68 Ag '63.

ZHURSKY, I.B.

SSSR/Medicine - Albumen
Medicine - Cells

Oct 48

"Albumene of Cell Nuclei," I. B. Zhursky, S. S. Debort, Jen Sci Res Oncol Inst Imeni P. A. Gertsen, 3 3/4 pp

"Dok Ak Nauk SSSR" Vol LXII, No 6

Obtained three albumen fractions by various processes from cell nuclei: a nucleoprotein, an acid albumen, and a residual albumen. Their most important characteristic is their amino acid composition. The acid albumen corresponds to Stedman and Steedman's chromosomin. No detailed study has

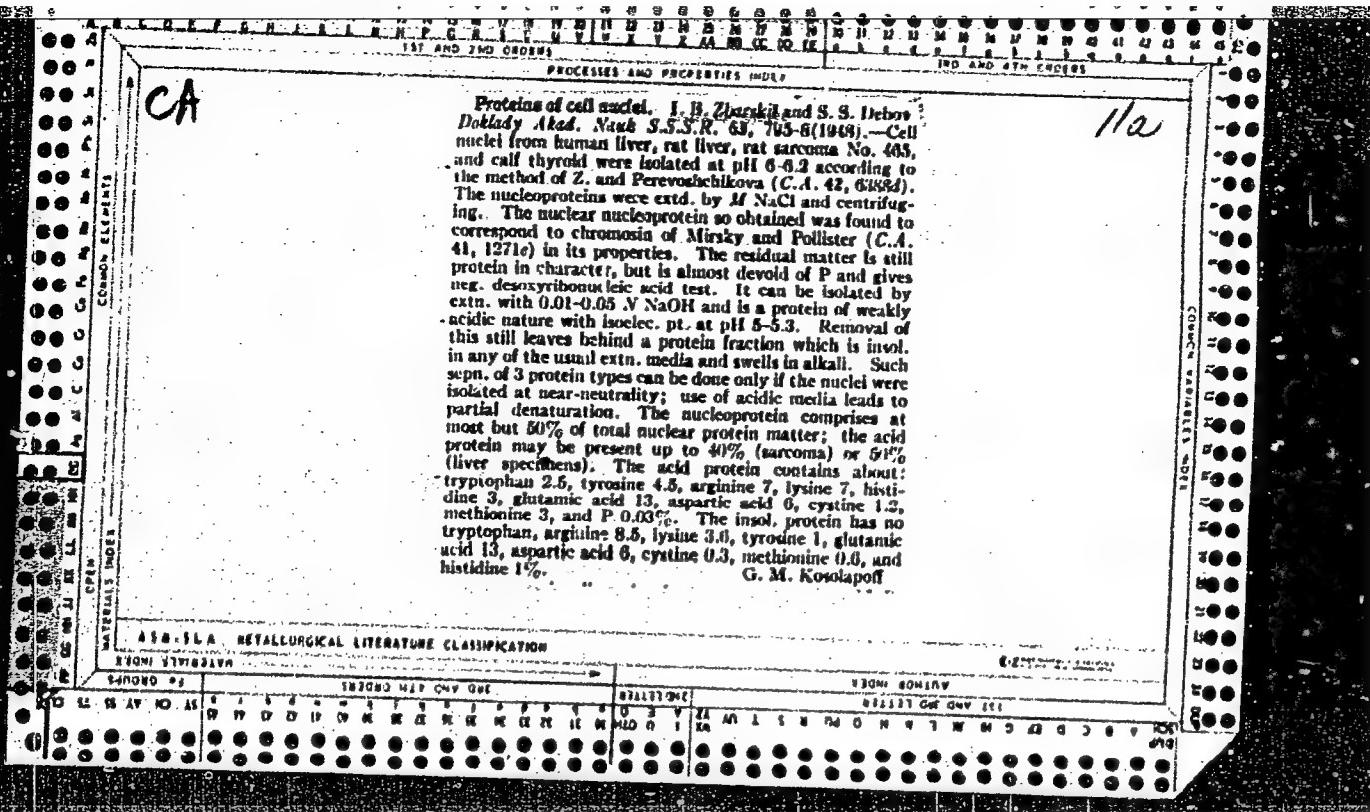
60/49255

SSSR/Medicine - Albumen (Contd)

Oct 48

been made of the residual albumen. Submitted by Acad A. I. Oparin 30 Aug 48.

60/49255



ZBARSKIY, I. B.

USSR (600)

"Amino Acid Composition of Albumins in Swellings and Normal Human Organs." Thesis for
degree of Dr. Medical Sci. Sub 9 May 49, First Moscow Order of Lenin Medical Inst.

Summary 82, 18 Dec 52, Dissertation Presented for Degrees in Science and Engineering
in Moscow in 1949. From Vechernaya Moskva, Jan-Dec 1949.

ZBARSKIY, I. B.

PA 63/49T39

USSR/Medicine - Adenosintriphosphate May/Jun 49
Medicine - Tumor

"Adenosintriphosphate Activity of Aqueous Extracts
and Water Insoluble Residue of Normal Tissues and
Malignant Tumors in Mice and Rats," I. B. Zbarskiy,
and N. A. Brisker, Biochem Lab, Cen Oncol Inst,
Moscow, 6 $\frac{1}{2}$ pp

"Biokhie" Vol XIV, No 3

General adenosintriphosphate activity and the dis-
tribution of soluble and insoluble fractions is
similar in normal organs and malignant tumors. Ac-
tivity in several organs (liver, brain, etc.,) of

63/49T39

USSR/Medicine - Adenosintriphosphate May/Jun 49
(Contd)

the nonsoluble residue is so small that it can be
only doubtfully connected to the so-called struc-
tural albumens or the myosin type. Submitted
4 Sep 48.

63/49T39

ZBARSKIY, I. B.

SSSR/Medicine - Antigens
Medicine - Cells

Mar 49,

"Differentiation of Nuclear Nucleoproteins With Tumorous and Normal Cells," L. A. Zil'ber, V. B. Freiman, I. B. Zbarskiy, S. S. Detov, Gen Onkol Inst imeni P. A. Gortsova, 4 pp

"Dok Akad Nauk SSSR" Vol LIV, No 1

Since the amphylaris reaction is one of the most sensitive for determining specificity of albuminous antigens, authors attempt to find if it can be used to differentiate nucleoprotein antigens of tumorous cells from nucleoproteins of normal cells. Submitted by Acad B. N. Anichkov, 19 Sep 48.

PA 29/49T70

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964210001-7

ZBARKITI, I.B.

Chemistry of cell nuclei. Uspeshki Biol. Khim. 1, 91-114 '50.
(CA 47 no.14;7007 '53)

(M.R.A. 5:8)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964210001-7"

Zbarskiy, I.B.

Chemical Abst.
Vol. 48 No. 4
Feb. 25, 1954
Biological Chemistry

The coagulation tendency of blood proteins in cancer diagnosis, I. B. Zbarski and I. N. Grushner (Acad. Med. Sci. U.S.S.R., Moscow), Utrizh. Dokl. Akad. Med. Nauk SSSR, 373-383(1960) (in Russian); cf. C.A. 42, 38438.—Factors affecting thermal coagulation of protein, notably pH and protein molecular charge, are pointed out. The thermal coagulation of homogenates from healthy livers and spleens proceeds rapidly (1-6 min.), whereas homogenates from malignant tumors of rats, induced by azo dyes or by subcutaneous injection of methylcholanthrene, do not coagulate even upon prolonged boiling at 200°. In 48 out of 60 human cancer cases there was an increase in the height of the protein polarographic wave for blood filtrates obtained by thermal coagulation of the blood. Evidently there appears in cancerous blood a modified protein, which resists heat coagulation, the presence of which in the filtrate is responsible for an increase in the first of 2 polarographic waves, the 2 waves being characteristic of all proteins. C. P. H.

C.A. Action of ultrasound on amino acids. B. P. Block
I. B. El'giner, I. B.
Zharikov, and V. N. Kharlamova. *Doklady Akad. Nauk
S.S.R.* 73, 1255-8(1950).—Subjection of a no. of amino
acids to action of ultrasound (500 kc. at 8 v./sq. cm.) in-
eq. solns. gave the following results: Aspartic and glu-
tamic acids, alanine, serine, threonine, lysine, and glycine
are unaffected; however, tryosine, leucine, valine, meth-
ionine, histidine, and tryptophan are gradually decomp.,
and in 4 hrs. the latter is totally destroyed; concn. about
0.02 M was used. A 11 atm. retards decomp. of histi-
dine, tryptophan, and tyrosine. G. M. Kostolantoff

ZBARKIY, I.B.

Amino acid composition of tumor proteins in man. Vop.med.khim.
3:157-164 '51. (MIRA 11:4)

1. Biokhimicheskaya laboratoriya Tsentral'nogo onkologicheskogo
instituta im. P.A. Gertseva, Moskva.
(AMINO ACID METABOLISM) (BONES--TUMORS) (SKIN--TUMORS)

CA

11A

Contractile properties of cell nuclei proteins. I. D. Zharkikh and K. A. Pervosheikova (Central Oncological Inst., Moscow). *Biokhimiya* 16, 112-24 (1951); cf. C.A. 42, 4308a. —Nuclei from human tissue were sepd. from cytoplasm by $M/238$ citrate buffer of pH 6.1-6.2. In the case of rat sarcoma, 0.005 M citrate buffer of pH 6.1-6.2 was employed. Complete details for the nuclear sepn. are given; the method is regarded as superior to that worked out by Dounce and Beyer (C.A. 42, 8225a). The histone was extd. from the nuclei with 0.21 N HCl; by Kossel's method (*Z. physiol. Chem.* 6, 511 (1884)). The high viscosity shown by histone solns. was a property of the protein itself, and was not caused by impurities of nucleic acid. By blowing the viscous histone soln. with a capillary pipet into dstd. water or into very dil. salt solns., jellylike threads were obtained. In contrast to the actomyosin threads, the histone threads were not elastic. The latter sharply contracted sideways and lengthwise when placed in a soln. of 0.001 M Na adenosine triphosphate (ATP). Salt solns., 0.1 M , also caused about the same degree of contraction of the histone threads, but 0.001 M salt solns. caused only a slight contraction. The action of ATP (contraction of histone threads to 50% of their original length in 0.001 M ATP soln.) is therefore regarded as specific. Histone threads from liver nuclei that had contracted by the action of 0.1 M KCl returned to their original condition when placed in dstd. water. Threads contracted by 0.001 M ATP did not swell up again in dstd. water. Histone threads from malignant tumors contracted more slowly and to a lesser extent than the threads from normal tissues. Unlike actomyosin, the contractile nuclei protein did not possess ATP-ase activity. The amino acid compn. of histones and total nuclei proteins are listed in 2 tables. It is suggested that the contractile properties of nuclei proteins play an important part in the mechanism of mitosis.
H. Priestley

1951

CA

118

The nature of the contractile substance in the cell nucleus. I. B. Kostylev and K. A. Fomenko-Likharev (Oncol. Inst., Moscow). *Biofizika* 19, 347-351 (1964) 43, 45, 711-720. A complex of a histone and an acid protein is the contractile substance of the cell nucleus. The histone is free of tryptophan, is sol. in H₂O, difficultly sol. in 0.03-0.3 M NaCl, and aggl. sol. in 0.8-1.4 M NaCl. The proteins separately are without effect. The contractile protein can be prep'd. by mixing the histone and acid protein from the cell nuclei of the same or different organs of man and animals, or even by mixing the nuclei of different organs from different animals. If one or both components of the complex is derived from the nuclei of malignant tissues, the threads possess less contractile ability. The acid protein of the cell nuclei can be replaced by a nonnuclear, cytoplasmic acid protein. A contractile protein is obtained by combining a liver histone with egg albumin. H. P.

ZBARSKIY, I.B.; DEBOV, S.S.

Protein fractions of cell nuclei. Biokhimiya, '51, 16, 390-395.
(BA - A III Mr '53:267)

{MLRA 1:10}

ZBARKIY, I.B.; PEREVOSHCHIKOVA, K.A.

Nature of contractile substance of cell nuclei. Biokhimiya, '51, 16, 547-
555.
(BA - A III Mr '53:267) (MLRA 4:12)

CA

2

Depolymerization of sodium desoxyribonucleate by ultrasonic waves. I. B. Zbarski, I. E. El'piner, and V. N. Kharlamova. *Doklady Akad. Nauk S.S.R.* **77**, 439-41 (1951).—The impact of ultrasonic vibrations (600,000 cycles) on 0.2% aq. solns. of Na desoxyribonucleate leads to smooth and rapid drop of viscosity to 0 after 25-120 min. (depending on the amplitude of the waves). A brief exposure leads to distinct departure from the Poiseuille law, i.e. showing structural viscosity. The depolymerization occurs even in the presence of iodine, which is a known "absorber" of ultrasonic waves. The pH of the soln. remains const. (6.4-6.6). After 8 hrs. of exposure a weak test for NH₃ appears.
G. M. Kosolapoff

C. A.
1951

Biological Chemistry
11B

Content of mucopolysaccharides and mucoproteins in cell nuclei. S. M. Bychkov, I. B. Zhuravskii, A. I. Kharlamova, and V. A. Ponomina (1st Moscow Med. Inst.) *Doklady Akad. Nauk S.S.R.* **76**, 99-101 (1951).—The determin. of total N, hexoseamine N, and their ratio in tissues and cell nuclei in human liver, human spleen, ox liver, calf thyroid, and rat sarcoma showed that mucopolysaccharides and mucoproteins are components of cell nuclei. The estim. of the fraction of hexoseamine contg. materials belonging to each category cannot be made as yet. The highest ratio of hexoseamine N to total N was found in the sarcoma specimen. Usually, the nuclei from liver show a ratio of hexoseamine N to total N that is lower than in entire tissue. In nuclei the ratio is about 0.0018-0.008; in sarcoma it is 0.0047. G. M. Kosolapoff

ZBARSKIY, I.B.

Amino acid composition of tumor proteins in man. Report No.3:
Cancer of the ovaries, prostate gland, testicles, lungs, kidneys,
liver, stomach, rectum, and bladder; sarcoma of the soft tissues of
hips, the inguinal region and lymph nodes. Vop.med.khim. 4:53-69
'52. (MIRA 11:4)

(AMINO ACIDS) (CANCER)

ZBARKSII
ZBARKIV, Boris Il'ich; ZBARKIY, Il'ya Borisovich; SOLNTSEV, Aleksandr
Ivanovich; STEPANENKO, B.N., redaktor; SENCHILO, K.K., tekhnicheskiy redaktor.

[Laboratory manual of biochemistry] Praktikum po biologicheskoi
khimii. 2-e izd., ispr. i dop. Moskva, Gos. izd-vo med. lit-ry,
1954. 347 p. [Microfilm]
(Biochemistry--Laboratory manuals)

ZBARSKIV, I.B.

Problems of nucleic acids; out-session of the Academy of Medical Sciences of the U.S.S.R. on the problem of nucleic acids. Usp. sovr.biol. 55 no.1:150-151 Ja-F '63. (MIRA 16:3)
(NUCLEIC ACIDS)

ZBARSKIY, I.B. (Moskva)

Organization of nucleic acids within a cell. Vest. AMN S.S.R.
17 no.12:3-13 '62. (MIRA 16:4)
(NUCLEIC ACIDS)

ZBARSKIY, I.B.; BRISKER, N.A.

Comparative activity of adenosintriphosphatase in aqueous extracts of organs of normal animals and animals with neoplasms. Vop.onk.1 no.2:8-10 '55. (MLRA 8:10)

1. Iz biokhimicheskoy laboratorii (zav.dots. I.B.Zbarskiy)
Gosudarstvennogo onkologicheskogo instituta im. P.A.Gertseva
(i.o.dir. kand.med.nauk V.V.Gorodilova)

(PHOSPHATASES,
ATPase in organs of normal & cancerous animals)
(NEOPLASMS, experimental
ATPase in organs of normal & cancerous animals)

Inclusion of labeled amino acids into proteins of whole tissue, cell nuclei and nuclear fractions of experimental tumors and normal organs. I. B. Zbarskii and K. A. Perevostchikova. Doklady Akad. Nauk SSSR 107 (1956) 102. The rate of inclusion of labeled amino acids in the protein and nucleic acids into protein of cell nuclei of normal organs is not slightly below that occurring in proteins of whole tissues (liver and spleen of rats). In tumor tissues (carcinos and hepatoma) the nuclei possess a much lower ability to incorporate such acids into protein matter; the rate of renewal of acidic and residual proteins is especially low. In α -radiation, the distribution of radioactive tracer in the nucleus and in the nucleoprotein fraction of the nucleus, probably, is mainly due to nucleic acids per se. G. M. Rosenthal

State Sci. Res. Oncology Inst. im. P.A. Gerbaev

USSR/General Problems of Pathology - Tumors. Metabolism.

U-3

Abn Jour : Ref Zhur - Biol., No 16, 1958, 75444

Author : Zbarskiy, I.B.

Inst :

Title : Biochemical Aspects of Study of the Carcinoma Problem.

Orig Pub : V. sb.: Vopr. klinich. i eksperim. onkologii. vyp. 2,
Stalingrad, 1957, 96-113.

Abstract : No abstract.

Card 1/1

- 7 -

USSR/General Problems of Pathology - Tumors. Metabolism.

U.

Abs Jour : Ref Zhur - Biol., No 19, 1958, 89574

Author : Zbarskiy, I.B., Perevozchikova, K.A.

Inst :

Title : On the Participation of Some Cell Components in Protein Synthesis in Neoplasms and Normal Organs, from Data Obtained by Inclusion of Radioactive Amino Acids.

Orig Pub : Tr. Vses. Konferentsii po med. radiol. Eksperim. med. radiol. M., MedGis, 1957, 222-224.

Abstract : No abstract.

Card 1/1

- 19 ..

ZBARSKIY, I.B.; GEORGIYEV, G.P.

"Nucleic acids and their biological role" by O.P.Chepinoga. Reviewed
by I.B.Zbarskii, G.P.Georgiev. Vop.med.khim. 3 no.2:150-152 Mr-Ap '57.
(NUCLEIC ACIDS) (CHEPINOGA, O.P.) (MLRA 10:7)

ZBARSKY

AUTHOR

PEREVOSHCHIKOVA, K.A., ZBARSKIY, I.B.

20-1-41/64

TITLE
On the Stimulation of Albumin Substances in Normal Tissues As Well As
in the Tissue of Tumors By Means of the Decomposition Products of Ri-

bonuclein Acid.
(Stimulirovaniye klyucheniya nekotorykh aminokislot v telki normalnykh i o-
puholevykh tkanei produktami raspada ribonukleinovcy kisloty - Russian)
Doklady Akademii Nauk SSSR, 1957, Vol 114, Nr 1, pp 150 - 153 (U.S.S.R.)

PERIODICAL

ABSTRACT

The participation of nuclein acids in the biosynthesis of albumin substances was maintained by a great number of authors, convincing experimental results were, however, achieved only of late (e.g. by E.F.GALE). There is, however, hardly any sure knowledge on the activating influence of nuclein acids. It therefore was important to clear this problem as the participation of nuclein acids in the biosynthesis of albumin substances is of great importance (in connection with various physiological and pathological processes). From the results achieved it must be concluded that the products of the hydrolysis of yeast-ribonuclein acid considerably increase the radioactivity of amino acids (in the albumin substance of normal tissue as well as of the tissue of some tumors). A particularly clear effect can be observed in systems obtained in the case of disordered cell structure. Ribonuclein-hydrolysate considerably stimulates the inclusion of amino-acids- esp. glycine C¹⁴ or methionine S³⁵ in cancer cells (EHRLICH) of mice - in the same cells which were destroyed by ultrasound. (3 tables).

Card 1/2

On the Stimulation of Albumin Substances in Normal Tissues 20-1-41/64
As Well As in the Tissue of Tumors By Means of the Decomposition Products
of Ribonucleic Acid.

ASSOCIATION Not Given.

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SUBMITTED

AVAILABLE Library of Congress

Card 2/2

СБИСЫ, Т.Н.

CHERNOV, V.A. (Moskva, G-131, Frunzenskaya nab., d.86/108, kv. 172);

SAIDOV, S.M. (Moskva, 2-y Botkinskiy proezd, d.3, kv. 204);

ZBARSKIY, I.B. (Moskva, I-51, TSvetnoy bul'v. d.32, kv.36)

Protein changes in cell nuclei during growth and regression of transplanted rat sarcoma "45" under the influence of triethylene-phosphoramide [with summary in English]. Vop.onk. 3 no.3:283-288 '57.

(MLRA 10:8)

1. Iz biokhimicheskoy laboratorii (zav. - prof. I.B.Zbarskiy) Gosudarstvennogo onkologicheskogo instituta im. P.A.Gertseva (dir. - prof. A.N.Novikov, nauchn. rukovod. - chlen-korrespondent AMN SSSR prof. A.I.Savitskiy) i laboratorii eksperimental'noy khimioterapii opukholey (zav. - kand.biol.nauk V.A.Chernov) otdela khimioterapii (zav. - prof. G.N.Pershin) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta im. S.Ordzhonikidze (dir. - prof. M.V.Bubtsov)

(CYTOTOXIC DRUGS, eff.

triethylene phosphoramide, protein changes in cell nuclei during growth & regression induced in transplanted rat sarcoma 45 (Rus))

(PROTEINS, metab.

changes in cell nuclei during growth & regression induced by triethylene phosphoramide in transplanted rat sarcoma 45 (Rus))

ZBARSKIY, I.B., professor

Isotopes help to study cancer. Zdorov'e 3 no.5:9-10 My '57.
(MIRA 10:6)

(CANCER) (RADIOACTIVE TRACKERS)

Zbarskiy, I.B.
ZBARKIY, I.B., prof.

Some aspects and methods in the further study of the biochemistry of
cancer. Vop.onk. 3 no.6:753-761 '57. (MIRA 11:2)

1. Iz biokhimicheskoy laboratori (zav. - prof. I.P.Zbarskiy)
Gosudarstvennogo onkologicheskogo instituta im. P.A.Gertseva (dir. -
prof. A.N.Novikov, nauchn. rukovod. - chlen-korrespondent AMN SSSR.
prof. A.I.Savitskiy)
(NEOPLASMS, metab.
cancer tissue biochem., review)

ZBARSKY, I.B.

30-8-4/37

AUTHOR: Zbarskiy, I.B., Professor
TITLE: On the Problems of Cell Biochemistry (Problemy biokhimii kletki, Russian)

PERIODICAL: Vestnik Akademii Nauk SSSR, 1957, Vol. 27, Nr 8, pp. 26-36
(USSR)

ABSTRACT: Today research on the most important biological phenomena (growth and development, variability and heredity) are already well developed. Explaining these mechanisms required a certain connection between the morphological and biochemical methods. Biochemistry of the cells is thus located on one of the borderlines between the sciences. One of the not unimportant difficulties in cell biochemistry is caused by the scarcity of the research material available. The usual micromethods of biochemistry are by far not sufficient. The author next deals in detail with the cell nucleus as one of the most important objects. He especially points out that the properties and the composition of the cell nuclei of various tissues (especially during the stage of development) can differ considerably in spite of an apparent similarity. The latest research results show that the albumen composition of the cellular nucleus is very complicated. The author then deals with the functional significance of the types

Card 1/2

On the Problems of Cell Biochemistry.

30-8-4/37

of albumen of the cellular nucleus and describes experiments undertaken with split amino acids. Summary: The part played by cell biochemistry and the citochemical methods described are still in their initial stage of development.

AVAILABLE: Library of Congress

Card 2/2

ZBARSKY
EXCERPTA MEDICA Sec. 5 Vol. 11/6 Pathology June 58

1496. ON THE PARTICIPATION OF NORMAL AND TUMOUR CELL NUCLEI IN PROTEIN SYNTHESIS MEASURED BY THE IN-VIVO INCORPORATION OF LABELLED AMINO-ACIDS (Russian text) - Zbarsky I. B. and Pereschikova K. A. Biochem. Lab., State Oncol. Inst., Moscow - BIO-KHIMIA 1957, 22/1-2 (295-304) Tables 5

There was no marked difference in the incorporation rates of nuclei and whole tissue proteins of rat and mouse liver, spleen and kidney and of the rat thymus. Contrary to this the cell nuclei of transplanted tumours (rat sarcoma M₁, mouse Ehrlich ascites carcinoma, and mouse C3HA hepatoma) showed a much lower incorporation of the same amino-acid radioactivity than the whole tissue proteins of these tumours. In the normal cell nuclei the highest rate of radioactivity incorporation was found in the 'acid proteins' fraction, the nucleoprotein and residual protein fractions being less active. In the tumour nuclei the acid protein fraction was less active than the nucleoprotein fraction, while the residual protein showed very little activity. It is suggested that cell nuclei and cytoplasmic particles play different roles in protein synthesis. The nuclei synthesize more specific proteins needed for normal development and differentiation. The impaired amino-acid incorporation into the tumour nuclei proteins is regarded as a sign of nuclear damage and of the protein synthesis alteration characteristic of dedifferentiation and anaplasia.

(II, 5)

ZBARKIY, I. B., GEORGIYEV, G. P. and FEREVOSHEKOVA, K. A. (Moscow)

~~fix~~ (Il'ya Borisovich)

"Studies on the Proteins of Cell Nuclei."

Severtov's Inst. of Animal Morphology, Moscow USSR

paper presented at the 4th Intl. Congress of Biochemistry, Vienna, 1-6 Sep 58.

ZBARSKIY I.B.

EXCERPTA MEDICA Sec 5 Vol 12/1 Gen Pathology Jan 59

4. THE COMPOSITION OF DEOXYRIBONUCLEIC ACID IN SOME EXPERIMENTAL TUMOURS AND IN NORMAL TISSUES (Russian text) -

Zbarsky I. B. Biochem. Lab., 'P. A. Hertzen' St. Inst. of Oncol., Moscow, USSR - VOPR. MED. KHIMII 1958, 4/3 (199-203) Tables 2

By means of paper chromatography the content of purine and pyrimidine bases in preparations of DNA was studied in (1) rat sarcoma M1 (both from growing and necrotic area), (2) Brown-Pearce rabbit tumours, (3) liver and spleen of normal rats, (4) spleen of tumour-bearing rats, (5) liver and spleen of tumour-bearing rabbits, and (6) calf thymus. There were no differences between tumours and normal tissues of animals of the same species, nor between growing and necrotic areas of the same tumours. Slight differences (not statistically significant) were observed between animals of different species. (V, 2, 16)

ZBARSKIY, I.B. (Moskva, I-51, TSvetnoy bul'var, d. 32, kv. 36).; UGOLEVA, N.A.;
ARTEM'YEVA, L.P. [deceased]

Problem of the splitting of pentoses by blood sera of cancer patients.
Vop. onk. 4 no.5:561-562 '58. (MIRA 12:1)

1. Iz Gosudarstvennogo onkologicheskogo instituta im. P.A. Gertseva
(dir. - prof. A.N. Novikov, nauchn. rukovod. - chl.-korр. AMN SSSR,
prof. A.I. Savitakiy).

(PENTOSES,

splitting by blood of cancer patients (Rus))

(NEOPLASMS, blood in,

pentose splitting by blood of cancer patients (Rus))

STUDITSKIY,A.N., otv.red.; GRAYEVSKIY,N.Ya., red.; GRIGOR'YEV,T.A., red.; YELISEYEV,V.G., red.; ZBARSKIY,I.B., red.; LIOZNER,L.D., red.; MITSKEVICH,M.S., red.; FRIDENFELDZYH,A.Ya., red.; KHRUSHCHOV,G.K., red.; CHENTSOV,Yu.S., red.; SMIRNOV,Z., red.; LAVRENT'YEVA,O., tekhn.red.

[Transactions of the Second Histological Conference; plastic and restorative processes] Plasticheskie i vosstanovitel'nye protses-sy; trudy Vtoroi gistolologicheskoi konferentsii. Moskva, Mosk. nauchn. ob-vo anatomov, gistologov i embriologov, 1959. 319 p.
(MIRA 14:5)

1. Kafedra gistologii Moskovskogo gosudarstvennogo universiteta im.M.V.Lomonosova, Moskva (for Studitskiy).
2. Laboratoriya radiobiologii Instituta morfologii zhivotnykh im.A.N.Severtseva AN SSSR, Moskva (for Grayevskiy, Zbarskiy).
3. Kafedra gistologii, i embriologii Leningradskogo sanitarno-gigienicheskogo meditsinskogo instituta, Leningrad (for Grigor'yev).
4. Kafedra gistologii i embriologii 1-go Meditsinskogo instituta im.Sechenova, Moskva (for Yeliseyev).
5. Gruppa biokhimii kletochnykh struktur Instituta morfologii zhivotnykh im.A.N.Severtseva AN SSSR, Moskva (for Zbarskiy).
6. Laboratoriya rasta i razvitiya Instituta eksperimental'noy biologii AMN SSSR, Moskva (for Liozner).
7. Tsentral'naya nauchno-issledovatel'skaya Laboratoriya 2-go Moskovskogo meditsinskogo instituta im.N.I.Pirogova, Moskva, (for Khrushchov).

(HISTOLOGY—CONGRESSES)

DAVYDOVSKIY, I.V., prof. (Moskva), otv.red.; BLOKHIN, N.N., prof. (Moskva), red.; VASIL'YEV, Yu.M., kand.med.nauk, red.; ZBRAISKIY, L.B., prof. (Moskva), red.; ZIL'BER, L.A., prof. (Moskva), red.; KOSYAKOV, P.N., prof., red.; LARIONOV, L.F., prof. (Moskva), red.; SAVITSKIY, A.I., prof. (Moskva), red.; SEREBROV, A.I., prof., red.; CHAKLIN, A.V., kand.med.nauk (Leningrad), red.; SHABAD, L.M., prof. (Leningrad), red.; AVERBAKH, M.M., red.; ROMANOVA, Z.A., tekhn.red.

[Malignant neoplasms; transactions of the Tenth Session of the General Assembly of the Academy of Medical Sciences of the U.S.S.R.]
Zlokapchestvennye novoobrazovaniia; trudy X sessii obshchego sobrania Akademii meditsinskikh nauk SSSR. Otvet.red. I.V.Davydovskii.
Red.kollegiia: N.N.Blokhin i dr. Moskva, Gos.izd-vo med.lit-ry,
1959. 262 p. (MIRA 14:1)

1. Akademiya meditsinskikh nauk SSSR, Moscow, 10. sessiya,
Moscow, 1956. 2. Deystvitel'nyye chleny AMN SSSR (for Davydovskiy,
Zil'ber, Serebrov). 3. Chleny-korrespondenty AMN SSSR (for Blokhin,
Larionov, Savitskiy, Shabad).
(CANCER)

ZBARKIY, L.B.; RAMENSKAYA, G.P.; MUL'MAN, L.S.; YERMOLAYEV, L.P.

Concentration and nucleotide composition of nucleic acids in the
ontogeny of the silkworm *Bombyx mori*. Zhur. ob. biol. 20 nñ. 6:428-
438 N-D 1959. (MIRA 13:4)

1. Institut morfologii zhivotnykh im. A.N. Severtsova AN SSSR.
(SILKWORMS) (NUCLEIC ACIDS)

ZBARSKIY, I.B.; GEORGIYEV, G.P.

Recent data on the fractionation cell nuclei of the rat liver and
chemical composition of nuclear structures. Biokhimiia 24 no.2:
192-199 Mr-Ap '59. (MIRA 12:7)

I. Institute of Animal Morphology, Academy of Sciences of the U.S.S.R.,
Moscow.

(LIVER, anat. & histol.
cell nuclei, fractionation & structure (Rus))
(CELL NUCLEUS,
liver, fractionation & structure (Rus))

ZBARSKIY, I.B.; KAHUZIMA, N.P.

Effect of ribonucleic acid and its hydrolysates on the inclusion
of glycine-1 labeled with C¹⁴ in proteins of normal and tumor
tissues. Biul.eksp.biol.i med. 48 no.11:65-69 N '59.

(MIRA 13:5)

1. Iz biokhimicheskoy laboratorii (zav. - prof. I.B. Zbarskiy)
Gosudarstvennogo onkologicheskogo instituta imeni P.A. Gertseva
(dir. - prof. A.N. Novikov), Moskva. Predstavlena deystvitel'nym
chlenom AMN SSSR A.Ye. Braunschteynom.

(GLYCINE metab.)

(PROTEINS metab.)

(MEOPLASMS metab.)

(RIBONUCLEIC ACID pharmacol.)

ZBARSKIY, I. B., SAMARINA, I. O., RAMENSKAYA, G. P.

"Research on the Cytochemistry of the Biosynthesis of Protein in
the Silk-Excreting Gland of the Mulberry Silkworm."

report submitted for the First Conference on the problems of Cyto and
Histochemistry, Moscow, 19-21 Dec. 1960.

Group of the Biochemistry of Cellular Structures of the Institute of the Morphology
of Animals Imeni A. N. Severtsov, Academy of Sciences USSR, Moscow.

Zbarsky, I.B.

- BRODINSKY, V. V. - "The nucleic acids of the nerve cell nucleus and cytoplasm".
 BRODINSKY, M. I., KARLINSKAYA, T. V. and SPODNIKOVA, N. N. - "Histochemistry of epinephrine and norepinephrine".
 BURGESSON, R. J. - "Histochemistry of connective tissue in pathological conditions".
 CHAKRABORTY, A. Y. - "Some aspects of carbohydrate metabolism of 'the transitional epithelium' in connective tissue. G. B. - "The study of the cell surface properties with the aid of phenol fractionation procedure".
 CHODOROWSKA, T. A., KERSEY, J. M. and GUNZBURG, A. V. - "Electron microscope electron microscopy as a new field of histochemistry".
 DANILOV, O. D. - "Macromolecular characteristics of diabetics' polyuric acids".
 DANILOV, I. B. - "The determination of sulphhydryl groups of proteins by means of the thiobutyryl indicator (urocanoyl thioacetic acid) method".
 DANILOV, I. B. - "Cytological and autoradiographic analysis of the role of nucleic acids in the synthesis of cellular proteins".
 DOLGOVSKAYA, O. V. - "The reduction of the protein-polysaccharide composition of cardiac connective tissue in the development of rheumatic process".
 FOLKSON, A. L. - "A technique of contribution to the study of the myocardial interstitium".
 FORTINER, V. V. - "Some mechanisms controlling the chemical activity of the nervous parenchyma".
 (A summary of this report has been submitted by the chairman of the Congress main committee - Ed. Group 1).
 GOREN, G. I. - "Comparative histochemistry of the aspects of histochemistry and the nervous system".
 GOREN, G. I. - "A proposed report of which the main title is not yet known. It is based by general subject matter on the report of Dr. G. I. Goren".
 GOREN, G. I. - "Comparative histochemistry in experimental pathology".
 GOREN, G. I. - "Comparative histochemistry of nerve tissues differing in their function".
 GRABARSKA, A. I. - "Presence of ribonucleoproteins in fibroblasts of different animal cells and their cytological importance".
 KALINOVSKA, M. I. - "Histochemical organization".
 KARLINSKAYA, T. V. - "Histochemical examinations of connective tissues in the light of recent spiroscopic studies".
 KURBANOVICH, A. A. - "A comparative physical and chemical characteristics of procollagen and collagen".
 MARTIN, J. M. - "Histological studies of the connective tissue changes observed in the course of development of induced sarcomas in rats".
 SHAGIN, I. B. - "Protein and nucleic composition of connective structures".
 SHAGIN, I. B. and PENTROVSKAYA, E. A. - "On the role of cell nucleus and its fractions in protein biosynthesis measured by the incorporation of radioactive amino acids".

ZBARSKIY, I.B.; GECRGIIYEV, G.P.

Method for extraction from thin unfixed sections in studying the
histochemistry of cellular structures. Tzitologia 2 no.1:95-98
Ja-F '60. (MIRA 13:5)

1. Gruppa biokhimii kletochnykh struktur Instituta morfologii
zhivotnykh AN SSSR, Moskva.
(EXTRACTION (CHEMISTRY)) (TISSUE EXTRACTIONS)

ZBARSKIY, I.B.; PEREVOSHCHIKOVA, K.A.

Synthesis of protein in isolated cell nuclei of normal tissues
and in experimental tumors. Vop.med.khim. 6 no.1:34-40 Ja-F
'60. (MIRA 13:5)

1. Biochemical Laboratory of the P.A. Hertzen State Institute of
Oncology, Moscow.

(PROTEIN metab.)
(CELL NUCLEI)
(TUMORS)

ZBARSKIY, I.B.; YERMOLAYEVA, L.P.

Characteristics of nuclear nucleoproteins of certain tissues.
Biokhimia 25 no.1:112-117 Ja-F '60. (MIRA 13:6)

1. Institute of Animal Morphology, Academy of Sciences of the
U.S.S.R., Moscow.
(NUCLEOPROTEINS chem.)

GEORGIYEV, G.P.; YERMOLAYEVA, L.P.; ZBARSKIY, I.B.

Quantitative interrelationship between protein and nucleoprotein
fractions in cell nuclei of various tissues. Biokhimia 25 no.2:
318-322 Mr-Ap '60. (MIRA 14:5)

1. Institut morfologii zhivotnykh im. A.N.Seventsova Akademii nauk
SSSR, Moskva. (PROTEINS IN THE BODY) (CELL NUCLEI)

SAMARINA, O.P.; ZBARKIY, I.B.; PENEVOSHCHIKOVA, K.A.

Binding of labeled amino acids by protein and nucleic acid preparations.
Biokhimia 25 no. 3:443-451 My-Je '60. (MIRA 14:4)

1. Institute of Animal Morphology, Academy of Sciences of the
U.S.S.R. and State Oncological Institute, Moscow.
(PROTEIN METABOLISM)

ZBARSKIY, I.B.; PEREVOSHCHIKOVA, K.A.

Dynamics of the concentration and incorporation of lysine-¹⁴C and glycine-¹⁴C into proteins of tumor cells and normal cells as related to different concentrations of these amino acids in the medium. Biokhimiia 25 no.5:808-813 S-0 '60. (MIRA 14:1)

1. The State Oncological Institute, Moscow.
(GLYCINE) (LYSINE) (TUMORS)

ZBARKIY, I.B.; YERMOLAYEVA, L.P.

Characteristics of nuclear nucleoproteins of some experimental tumors
and of chick embryos. Biul. eksp. biol. i med. 50 no.10:64-67 0
'60. (MIRA 14:5)

1. Iz gruppy biokhimii kletochnykh struktur (zav. - prof. I.B.
Zbarskiy) Instituta morfologii zhivotnykh imeni A.N.Severtseva
(dir. - chlen-korrespondent AN SSSR prof. G.K.Khrushchov) AN
SSSR Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR S.Ye.
Severinym.

(NUCLEOPROTEINS)

RAMENSKAYA, G.P.; ZBARSKIY, I.B.; MIL'MAN, L.S.

Nucleic acids in silk-secreting glands of the silkworm *Bombyx mori*. Dokl.AN SSSR 132 no.5:1206-1209 Je '60.
(MIRA 13:6)

1. Institut morfologii zhivotnykh im. A.N. Severtsova Akademii
nauk SSSR. Predstavлено академиком А.И. Опарином.
(SILKWORMS) (NUCLEIC ACIDS) (GLANDS)

ASTAUROV, B.L.; BEDNYAKOVA, T.A.; GINSBURG, G.I.; ZBARSKIY, I.B.
RAMENSKAYA, G.P.

Experiments in the production of heritable transformations in
the silkworm *Bombyx mori* L. by interlinear injection of
desoxyribonucleic acid. Dokl.AN SSSR 134 no.2:449-452 S
'60. (MIRA 13:9)

1. Institut morfologii zhivotnykh im. A.N. Severtsova Akademii
nauk SSSR. 2. Chlen-korrespondent AN SSSR (for Astaurov).
(Desoxyribonucleic acid)
(Silkworms)
(Variation (Biology))

ZBARSKIY, I. B. (USSR)

"Some features of the cytochemistry of tumour cekk nuclei."

report submitted for the European Conference on Tumor Biology (ICC),
Warsaw, Poland
22-27 May 1961

Zbarskiy, I. B.-Inst. of Animal Morphology, A.M.S., Lenin Avenue 33, Moskva

ZBARSKIY, I. B., SAMARINA, O. P., RAMENSKAYA, G. P. (USSR)

"Protein Biosynthesis in the Silk Secreting Gland of the Mulberry Silkworm."

Report presented at the 5th International Biochemistry Congress, Moscow,
10-16 August 1961

ZBARKIY, I. B. (USSR)

"Composition and Biosynthetic Activity of Nuclear Structures."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 August 1961

ZBARSKIY, I.B.; PORTUGALOV, V.V.

First Conference on Problems of Cyto- and Histochemistry, TSitologija
3 no. 2:233-236 Mr-Ap '61. (MIRA 14:4)
(HISTOCHEMISTRY--CONGRESSES)

ZBARSKIY, I.B., prof.

Biochemistry of the growth and development of malignant tumors.
Zhur.VKHO 6 no.3:338-342 '61. (MIRA 14:6)
(TUMORS) (BIOCHEMISTRY)

ZBARKIY, I.B.

First International Congress on Histochemistry and Cytochemistry.
Vop. med. khim. 7 no. 1:102-104 Ja-F '61. (MIRA 14:4)
(PHYSIOLOGICAL CHEMISTRY--CONGRESSES)

ZHARSLIK, I.D., prof.

Current problems in histochemistry and cytochemistry; results
of the First International Congress on Histochemistry and
Cytochemistry. Vest. AM SSSR 31 no. 2:60-65 F '61.

(U.S.A. 14:2)
(Physiological chemistry—Congresses)

ZBARSKIY, I.B. (Moskva)

Biochemical characteristics of the tumor cell. Usp. sovr. biol.
52 no.2:164-180 S-0 '61. (MIRA 14:10)
(TUMORS)

ZBARSKIY, I.B.; YERMOLAYEVA, L.P.

Composition of spermatozoon nuclei in the Baltic salmon. Dokl.
AN SSSR 140 no.1:240-243 S.O '61. (MIRA 14:9)

1. Institut morfologii zhivotnykh im. A.N.Seventsova AN SSSR,
Predstavлено академиком А.И.Опарином.
(SPERMATOZOA) (CELL NUCLEI) (PROTEINS IN THE BODY)

ZBARSKIY, Boris Il'ich, prof.[deceased]; ZBARSKIY, Il'ya Borisovich;
SOLNTSEV, Aleksandr Ivanovich; DEBOV, S.S., red.; BUL'DYAYEV,
N.A., tekhn. red.

[Laboratory work in biochemistry] Praktikum po biologicheskoi
khimii. 3. izd., ispr. i dop. Moskva, Medgiz, 1962. 279 p.
(MIRA 15:7)

1. Kafedra biologicheskoy khimii Pervogo Moskovskogo meditsinskogo
instituta (for Zbarskiy, B.I., Zbarskiy, I.B., Solntsev).
(Biochemistry--laboratory manuals)

SISAKYAN, N.M.; ZBARKIY, I.B.

Functional biochemistry of cell structures at the Fifth International
Biochemical Congress. *Tsitolgiia* 4 no.2:243-247 Mr-Ap '62.
(MIRA 15:8)

(CYTOLOGY—CONGRESSES)

Zbarskiy, I.B.

European conference on tumor biology and cytochemical research in
the laboratories of the Polish People's Republic. TSitologiya 4
no.3:368-370 My-Je '62. (MIRA 16:3)
(CANCER RESEARCH—CONGRESSES) (POLAND—CYTOLOGY)

ZBARKIY, I.B.; GEORGIYEV, G.P.

Structure of the cell nucleus; comparison of cytochemical and electron microscopic data. Tsitologija 4 no.6:605-616 N-D'62

1. Laboratoriya biokhimii kletochnykh struktur Instituta morfologii zhivotnykh AN SSSR, Moskva.

ZBARSKIY, I.B.; YERMOLAYEVA, L.P.; DMITRIYEVA, N.P.

Residual proteins in nuclei of normal and tumor cells. Vop. med.
(MIRA 15:4)
Khim. & no.2:218-221 Mr-Ap '62.

1^o Institut morfologii zhivotnykh imeni A.N.Seventsova AN SSSR,
Moskva.
(CANCER) (PROTEIN METABOLISM) (CELL NUCLEI)

ZBARSKIY, I.B.; SAMARINA, O.P.

Fractionation of nucleoproteins and the inclusion in them of
glycine-¹⁴C. Biokhimiia 27 no.3:557-564 My-Je '62.
(MIRA 15:8)

1. Institute of Animal Morphology, Academy of Sciences of the
U.S.S.R., Moscow.
(NUCLEOPROTEINS) (GLYCINE)

ZBARKIY, I.B. (Moskva)

Nucleotide code and the control of protein synthesis in a cell.
Usp.sovr.biol. 54 no.3:265-284 N-D '62. (MIRA 16:1)
(NUCLEIC ACIDS) (PROTEIN METABOLISM)

ZBARKLY, I.B.; DMITRIYeva, N.P.; YERMOLAYEVA, L.P.

Characteris'cs of the nuclear structure of tumor cells.
TSitologija 5 no.5:499-506 S-0 '63. (MIRA 17:4)

I. Laboratoriya biokhimii kletochnykh struktur i Laboratoriya
tsitologii Instituta morfologii zhivotnykh AN SSSR, Moskva.

ZBARSKIY, I.B.; MIL'MAN, L.S.

State of DNA in the unfertilized frog ovum. Zhur. ob. biol.
(MIRA 17:1)
24 no.5:380-382 S-0 '63.

1. Institut morfologii zhivotnykh imeni Severtsova AN SSSR,
Moskva.

ZHDANOV, V.M.; ZBARKIY, I.B.; BUKRINSKAYA, A.G.; RAMENSKAYA, G.P.

Study of the initial stage of interaction of Sendai virus with
cells using the autoradiographic method. Bul. eksp. biol. i med.
56 no.7:67-72 Jl'63 (MIR 17:3)

1. Iz laboratorii fiziologii virusov (zav. - deyствител'nyy
chlen AMN SSSR V.M. Zhdanov) Instituta virusologii imeni D.T.
Ivanovskogo (dir. - deyствител'nyy chlen AMN SSSR V.M. Zhdanov)
AMN SSSR i laboratorii biokhimii kletochnykh struktur (zav. -
doktor biologicheskikh nauk I.B. Zbarskiy) Instituta morfologii
zhivotnykh imeni Severtsova (dir. - chlen-korrespondent AN SSSR
prof. G.K. Khrushchev) AN SSSE, Moskva.

ZBARKIY, I. D.; YERMOLAYEV, L. P.; and KHRUSHCHEV, N. G.

"On the Existence and Intranuclear Localization of a DNA fraction differing by its Base Composition from Total Cellular DNA."

report to be presented at the 6th Intl Biochemistry Cong, New York City, 26 Jul-
1 Aug 1964.

ZBARSKIY, I.-B.; KHRUSHCHOV, N.-C.

"On the composition and biological role of the nucleolus-associated heterochromatin."

report presented at the 2nd Intl Cong of histo- and cyto chemistry, Frankfurt/
Main, 16-21 Aug 64.

Inst Animal Morphology, AS USSR, Moscow.

ZBARSKIY, I. B.; KHRUSHCHOV, N. G.; YERMOLAYEVA, L. P.

"On the composition and biological role of the nucleolus-associated heterochromatin."

report submitted for 2nd Intl Congr. Histochemistry & Cytochemistry, Frankfurt,
16-21 Aug 64.

Inst of Animal Morphology, AS USSR, Vavilov Street 12/2, Moscow B-133.

TSANEV, R.G.; MARKOV, G.G.; SHAPOT, V.S., prof., red.; ZBARSKIY,
I.B., prof., red.

[Biochemistry of cell division. Translated from the
Bulgarian] Biokhimiia kletochnogo deleniya. Moskva, Me-
ditsina, 1964. 118 p. (MIRA 17:8)

SMIRNOV, V.N.; SPIRIN, A.S.; KULLYYEV, P.; ZBARSKIY, I.B.

RNA synthesis in the silk gland of the mulberry silkworm. Dokl.
AN SSSR 155 no. 4:957-960 Ap '64. (MIRA 17:5)

1. Institut biokhimii im. A.N.Bakha AN SSSR i Institut
morfologii zhivotnykh im. A.N.Severtsova AN SSSR. Predstavлено
академиком A.N.Belozerkim.

GAUZE, G.G.; LOSHKAREVA, N.P.; ZBARKIY, I.B.; GAUZE, G.F.

Composition of DNA in some bacteria and their mutants carrying
oxidation deficiency. Dokl. AN SSSR 157 no. 2:457-459 Jl '64.
(MIRA 17:7)

1. Institut morfologii zhivotnykh imeni A.N.Severtsova AN SSSR
i Institut po izyskaniyu novykh antibiotikov AMN SSSR. Predstavлено
akademikom A.A.Imshenetskim.

ALEKSANDROV, V.Ya., prof.; BRODSKIY, V.Ya.; BRONSHTEYN, A.A.;
BRUMBERG, Ye.M.; VAKHTIN, Yu.B.; VINNIKOV, Ya.A.;
GAYTSKHOKI, V.S.; GOROSHCHENKO, Yu.L.; GULYAYEV, V.A.;
ZHINKIN, L.N.; ZAVARZIN, A.A.; ZALKIND, S.Ya.; ZBARSKIY,
I.B.; KATSNEL'SON, Z.S.; KOMISSARCHIK, Ya.Yu.; LEVIN, S.V.;
MARAHOVA, I.I.; MASHANSKIY, V.F.; MOSEVICH, T.N.; NIKOL'SKIY,
N.N.; PESHKOV, M.A.; POLENOV, A.A.; POLYANSKIY, Yu.I.;
ROZENTAL', D.L.; RUMYANTSEV, P.P.; TITOVA, L.K.; FEDIN, L.A.;
KHEYGIN, Ye.M.; CHERNOGRYADSKAYA, N.A.; TROSHIN, A.S., otv.
red.; MEYSEL', M.N., red.; MIKHAYLOV, V.P., red.; NEYFAKH,
S.A., red.; PARIBOK, V.P., red.; POLYANSKIY, Yu.I.; red.;
RAYKOV, I.B., red.

[Manual on cytology in two volumes] Rukovodstvo po tsitologii v
dvukh tomakh. Moskva, Nauka. Vol.1. 1965. 571 p.
(MIRA 18:2)

1. Akademiya nauk SSSR. Institut tsitologii.

ZBARSKIY, I.B.

Significance of biochemical properties of the nuclear
apparatus of the tumor cell in the pathogenesis of
cancer. Vest. AMN SSSR no.4:3-10 '65. (MIRA 18:10)

1. Institut morfologii zhivotnykh imeni A.N. Severtsova
AN SSSR, Moskva.

ZBARKIY, I.B.; GAUZE, G.G.

Effect of actinomycin D on the incorporation of labeled amino acids into the nuclei proteins of Ehrlich ascites carcinoma.
Vop. med. khim. 10 no.4:445-447 Jl-Ag 164. (MIRA 18:4)

1. Laboratoriya biokhimii kletochnykh struktur Instituta morfologii zhivotnykh imeni A.N.Severitova AN SSSR, Moskva.

KULLYYEV, P.; ZBARSKIY, I.B.; RAMENSKAYA, G.P.; SAMARINA, O.P.

Biosynthesis of ribonucleic acid in the silk gland of the silkworm.
Biokhimiia 29 no.3;470-476 My-Je '64. (MIRA 18:4)

1. Institut morfologii zhivotnykh imeni Severtsova AN SSSR, Moskva.

MIL'MAN, L.S.; ZBARSKIY, I.B.

Technique of separating nucleic acids in Ehrlich ascites
cancer cells. Vop. med. khim. 8 no.4:412-417 Jl-Ag '62.
(VTRA 17:11)

I. Institut morfologii zhivotnykh imeni A.N. Severtsova
AN SSSR, Moskva.

ZBARKIY, I.B.; YERMOLAYEV, L.P.; KHFUSHCHOV, N.G.

Characteristics of the nucleotide composition of DNA of the
perinucleolar chromatin. Dokl. AN SSSR 157 no.1:175-177 J1 '64
(MIRA 17:8)

1. Predstavleno akademikom A.I. Oparinym.

ZBARSKIY, M.

Hydraulic activity of burnt rocks in Central Asia as related
to their mineralogical and petrographic properties. Nauch.
trudy TashGU no.206;185-194 '62. (MIRA 16:6)

(Soviet Central Asia—Rocks, Crystalline and
metamorphic)

ZBARSKIY, M.I.

Mineral and petrographic characteristics of fused rocks in
Central Asia. Zap. Kir. otd. Vses. min. ob.-va no.4:53-67
'63. (MIRA 17:8)

ZBARSKIY, M.I.

Naturally baked rocks of Central Asia as a hydraulic additive
for the production of cement. Biul. nauch.-tekhn. inform. VIMS
no.2:15-17 '63. (MIRA 18:2)

1. Sredneaziatskiy nauchno-sledovatel'skiy institut geologii i
mineral'nogo syr'ya, Tashkent.

ZBARSKIY, M.I.; RAKHIMBAYEV, Sh.M.; STRAVCHINSKIY, A.I.

Fused rocks in the Fan-Yagnob deposit as an active mineral admixture
to binding materials. Dokl. AN Tadzh. SSR. 6 no.4:23-27 '63.
(MIRA 17:4)

1. Institut khimii AN Tadzhikskoy SSR i Sredneaziatskiy nauchno-
issledovatel'skiy institut geologii i mineral'nogo syr'ya.
Predstavлено академиком AN Tadzhikskoy SSR.

BABAYEV, K.L.; ZBARSKIY, M.I.

Minerals in Quaternary sediments. Uch.zap.SAIGIMS. no.5:33-46
'61. (MIRA 15:11)

(Minerals)

YEFIMOV, A.N., *glav. red.*; BACHURIN, A.V., *red.*; VOLODARSKIY, L.M., *red.*; GERSHERG, S.R., *red.*; GINZBURG, S.Z., *red.*; DUNIUKOV, G.F., *red.*; KIRZENER, D.M., *red.*; KLIMENTKO, K.I., *red.*; KOMAROV, F.V., *red.*; KOROL'KOV, A.N., *red.*; KRYLOV, P.N., *red.*; LIVANSKAYA, F.V., *red.*; LOKSHIN, E.YU., *red.*; OSTROVITYANOV, K.V., *red.*; POSVIANSKIY, S.S., *red.*; PRUDENSKIY, G.A., *red.*; RAZUMOV, N.A., *red.*; RUMYANTSEV, A.F., *red.*; TATUR, S.K., *red.*; SHUKHGAN'TER, L.YA., *red.*; BAZAROVA, G.V., *starshiy nauchnyy red.*; kand. ekon. nauk; KISEL'MAN, S.M., *starshiy nauchnyy red.*; GLAGOLEV, V.S., *nauchnyy red.*; TUMANOVA, N.L., *nauchnyy red.*; BLAGODARSKAYA, Ye.V., *mlad. red.*; SHUSTROVA, V.M., *mladshiy red.*; GAYDUKOV, Yu.A., *kand. ekon. nauk, red.*; ZBARSKIY, M.I., *red.*; LOZOVOY, Ya.D., *red.*; SERGEYEV, A.V., *dots., red.*; KHEYFETS, L.M., *kand. tekhn. nauk, red.*; LYUBOVICH, Yu.O., *kand. ekon. nauk, red.*; SYSOYEV, P.V., *red.*; KOSTI, S.D., *tekhn. red.*

[Economic encyclopedia; industry and construction]Ekonomicheskaya entsiklopediya; promyshlennost' i stroitel'stvo.
Chleny red. kollegii: A.V.Bachurin i dr. Moskva, Gos.nauchn. izd-vo "Sovetskaia entsiklopediya." Vol.1. A - N. 1962.
951 p. (MIRA 15:10)

(Russia--Industries--Dictionaries)
(Construction industry--Dictionaries)

ZBARKIY, M.I.; ESTERLIS, N. Ye.

Mineral raw materials for the production of building materials in
the Golodnaya Steppe. Mat. po proizv. sil. Uzb. no.15:383-
388 '60. (MIRA 14:8)

1. Khimgeolnerud.
(Golodnaya Steppe—Building materials)

ZBARSKIY, N.A., kand. tekhn. nauk, red.; KHANZHINA, Ye.B., inzh., red.

[Technical innovations in Leningrad bakeries; survey] Tekhnicheskie usovremenstvovaniia na Leningradskikh khlebozavodakh; obzor. Leningrad, Leningr. Dom nauchno-tekhn. propagandy, 1961. 58 p. (MIRA 17:5)